

JUN 16 2002  
PATENT & TRADEMARK OFFICE

238  
PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)  
1,070.00

## Complete if Known

|                      |                    |
|----------------------|--------------------|
| Application Number   | 09/943,199         |
| Filing Date          | August 29, 2001    |
| First Named Inventor | Kristy A. Campbell |
| Examiner Name        | D. Vu              |
| Art Unit             | 2818               |
| Attorney Docket No.  | M4065.0704/P704    |

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit Account Number  
04-1073

Deposit Account Name  
Dickstein Shapiro Morin & Oshinsky LLP

The Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity                      | Small Entity | Fee Description | Fee Paid  |
|-----------------------------------|--------------|-----------------|---|
| Fee Code                          | Fee (\$)     | Fee Code        | Fee (\$)  |
| 1051                              | 130          | 2051            | 65 Surcharge - late filing fee or oath  |
| 1052                              | 50           | 2052            | 25 Surcharge - late provisional filing fee or cover sheet.                    |
| 1053                              | 130          | 1053            | 130 Non-English specification   |
| 1812                              | 2,520        | 1812            | 2,520 For filing a request for ex parte reexamination                         |
| 1804                              | 920*         | 1804            | 920* Requesting publication of SIR prior to Examiner action                   |
| 1805                              | 1,840*       | 1805            | 1,840* Requesting publication of SIR after Examiner action                    |
| 1251                              | 110          | 2251            | 55 Extension for reply within first month                                     |
| 1252                              | 410          | 2252            | 205 Extension for reply within second month                                   |
| 1253                              | 930          | 2253            | 465 Extension for reply within third month                                    |
| 1254                              | 1,450        | 2254            | 725 Extension for reply within fourth month                                   |
| 1255                              | 1,970        | 2255            | 985 Extension for reply within fifth month                                    |
| 1401                              | 320          | 2401            | 160 Notice of Appeal  |
| 1402                              | 320          | 2402            | 160 Filing a brief in support of an appeal                                    |
| 1403                              | 280          | 2403            | 140 Request for oral hearing  |
| 1451                              | 1,510        | 1451            | 1,510 Petition to institute a public use proceeding                           |
| 1452                              | 110          | 2452            | 55 Petition to revive - unavoidable   |
| 1453                              | 1,300        | 2453            | 650 Petition to revive - unintentional  |
| 1501                              | 1,300        | 2501            | 650 Utility issue fee (or reissue)  |
| 1502                              | 470          | 2502            | 235 Design issue fee  |
| 1503                              | 630          | 2503            | 315 Plant issue fee   |
| 1460                              | 130          | 1460            | 130 Petitions to the Commissioner   |
| 1807                              | 50           | 1807            | 50 Processing fee under 37 CFR 1.17(q)  |
| 1806                              | 180          | 1806            | 180 Submission of Information Disclosure Stmt                                 |
| 8021                              | 40           | 8021            | 40 Recording each patent assignment per property (times number of properties) |
| 1809                              | 750          | 2809            | 375 Filing a submission after final rejection (37 CFR 1.129(a))               |
| 1810                              | 750          | 2810            | 375 For each additional invention to be examined (37 CFR 1.129(b))            |
| 1801                              | 750          | 2801            | 375 Request for Continued Examination (RCE)                                   |
| 1802                              | 900          | 1802            | 900 Request for expedited examination of a design application                 |
| Other fee (specify)               |              |                 |   |
| *Reduced by Basic Filing Fee Paid |              |                 |   |
| <b>SUBTOTAL (3) (\$)</b> 410.00   |              |                 |   |

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                      |        |           |                |               |
|-------------------|---|--------------------------------------|--------|-----------|----------------|---------------|
| Name (Print/Type) | Thomas J. D'Amico   | Registration No.<br>(Attorney/Agent) | 28,371 | Telephone | (202) 828-2232 |               |
| Signature         |  |                                      |        |           | Date           | June 16, 2003 |

JUN 16 2003  
PATENT & TRADEMARK OFFICE  
USPTO

## AMENDMENT TRANSMITTAL LETTER

Docket No.  
M4065.0704/P704

Application No.  
09/943,199

Filing Date  
August 29, 2001

Examiner  
David Vu

Art Unit  
2818

Applicant(s): Kristy A. Campbell, et al

Invention: METHOD OF FORMING NON-VOLATILE RESISTANCE VARIABLE DEVICES

### TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

| CLAIMS AS AMENDED                               |                                  |                                |                             |         |                          |
|---|----------------------------------|--------------------------------|-----------------------------|---------|--------------------------|
|   | Claims Remaining After Amendment | Highest Number Previously Paid | Number Extra Claims Present | Rate    |                          |
| Total Claims                                    | 107                              | - 89 =                         | 18                          | x 18.00 | 324.00                   |
| Independent Claims                              | 13                               | - 9 =                          | 4                           | x 84.00 | 336.00                   |
| Multiple Dependent Claims (check if applicable) |                                  |                                |                             |         | <input type="checkbox"/> |
| Other fee (please specify):                     |                                  |                                |                             |         |                          |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:        |                                  |                                |                             |         | 660.00                   |

Large Entity

Small Entity

No additional fee is required for this amendment.

Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.

A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Commissioner is hereby authorized to charge and credit Deposit Account No. 504-1073  
as described below. A duplicate copy of this sheet is enclosed.

Credit any overpayment.

Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

  
Thomas JVD'Amico  
Attorney Reg. No.: 28,371

Dated: June 16, 2003

DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
2101 L Street NW  
Washington, DC 20037-1526  
(202) 828-2232



Docket No.: M4065.0704/P704  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Kristy A. Campbell, et al

Application No.: 09/943,199

Group Art Unit: 2818

Filed: August 29, 2001

Examiner: David Vu

For: METHOD OF FORMING NON-  
VOLATILE RESISTANCE VARIABLE  
DEVICES

AMENDMENT

**Box Non-Fee Amendment**  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Office Action dated January 16, 2003, please amend the above-identified U.S. patent application as shown in the Section marked "Amendments to the Claims."